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ANDAMAN AND NICOBAR ADMINISTRATION

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POLLUTION CONTROL COMMITTEE

(DEPARTMENT OF SCIENCE AND TECHNOLOGY)

NOTIFICATION

Port Blair, dated the 21st April, 2014.

No.53/2014/F.No.6-3/PCC/Meeting/II/2014.— By the proviso Clause of Sub-Section (4) of Section 4 and Section 18(1)(b) of the Water (Prevention and Control of Pollution) Act, 1974 read with Gazette Notification No. S. O. 39(E) dated 16-01-1992 and in pursuance of letter No. B-29012/1/2012/ESS dated 04-06-2012 issued by Central Pollution Control Board, GoI, Ministry of Environment and Forests, New Delhi, the Andaman and Nicobar Pollution Control Committee vide its resolution adopted on 26-02-2014 hereby categories the Industries to maintain uniformity, for consent management, inventorisation and pollution monitoring as under :

- | | |
|----------------------------------|------------------|
| 1. Red Category of Industries | - Annexure – I |
| 2. Orange Category of Industries | - Annexure – II |
| 3. Green Category of Industries | - Annexure – III |

**By order and in the name of the Lieutenant Governor (Administrator),
Andaman and Nicobar Islands.**

Sd./-
(Dr. P. Viswakannan)
Director (S&T) & Member Secretary, PCC

LIST OF RED CATEGORY OF INDUSTRIES

Sl. No.	List of Red Category Industry
1.	Airport and Commercial Air Strips
2.	Aluminium smelter
3.	Asbestos and asbestos based industries
4.	Automobile Manufacturing (Integrated facilities)
5.	Basic chemicals and electro chemicals and its derivatives including manufacture of acids
6.	Ceramic, Refractories
7.	Cement
8.	Chlor Alkali
9.	Chlorates, perchlorates and peroxides
10.	Chlorine, fluorine, bromine, iodine and their compounds
11.	Coal washeries
12.	Copper smelter
13.	Coke making, liquefaction, coal tar distillation or fuel gas making
14.	Common treatment and disposal facilities (CETP, TSDF, E-Waste recycling, CBMWTF, effluent conveyance project, incinerators, solvent/ acid recovery plant, MSW sanitary landfill sites, STP)
15.	Distillery including fermentation industry
16.	Dyes and Dye-Intermediates
17.	Dry coal processing / mineral processing, industries involving ore sintering, palletisation, grinding, pulverization
18.	Emulsion of oil & water
19.	Fermentation industry including manufacture of yeast, beer, distillation of alcohol (ENA)
20.	Fertilizer (basic) (excluding formulation)
21.	Ferrous and non-ferrous metal extraction involving different furnaces through melting, refining reprocessing, casting and alloy making
22.	Fibre glass production and processing (Excluding moulding)
23.	Fire crackers manufacturing and bulk storage
24.	Flakes from rejected PET bottle
25.	Fly ash export, transport and disposal facilities
26.	Health care establishment (As defined in BMW Rules)
27.	Heavy engineering including Ship Building (with investment on Plant & Machineries more than Rs. 10 Crores)
28.	Hot mix plants
29.	Hotels (3 star & above) and Hotels having 100 rooms and above
30.	Hydrocyanic acid and its derivatives
31.	Industrial carbon including electrodes and graphite blocks, activated carbon, carbon black
32.	Industrial estates / parks / complex / areas / export processing zones / SEZs / biotech parks / leather complex
33.	Industrial inorganic gases namely:-
	a) Chemical gases: Acetylene, Hydrogen, Chlorine, Fluorine, Ammonia, Sulphur Dioxide, Ethylene, Hydrogen Sulphide, Phosgene
	b) Hydrocarbon gases: Methane, Ethane, Propane

34.	Industries engaged in recycling / reprocessing / recovery / reuse of Hazardous Waste under schedule IV of Hazardous Waste (M, H&TBM) Rules, 2008 and its amendments
35.	Industry or process involving foundry operations
36.	Industry or process involving metal surface treatment or process such as picking/ plating / electroplating / paint stripping / heat treatment / phosphating or finishing and anodizing / enameling / galvanising
37.	Iron and Steel (involving processing from ore / integrated steel plants and or Sponge Iron Units)
38.	Isolated storage of hazardous chemicals (as per schedule of manufacture, storage & import of Hazardous Chemicals Rules, 1989 as amended)
39.	Lead acid battery manufacturing (excluding assembling & charging of acid lead battery in micro scale[< Rs.25 lakhs])
40.	Lime manufacturing (Using Lime Kiln)
41.	Manufacturing of explosives, detonators, fuses including management and handling activities
42.	Manufacturing of glass
43.	Manufacturing of glue and gelatin
44.	Manufacturing of lubricating oils, greases or petroleum based products
45.	Manufacturing of paints, varnishes, pigments and intermediate (excluding blending / mixing)
46.	Manufacturing of starch / saggo
47.	Milk processing and dairy products (integrated project)
48.	Mineral stack yards / railway sidings
49.	Mining and ore beneficiation
50.	New highway construction projects
51.	Non-alcoholic beverage (soft drink) & bottling of alcoholic/ non-alcoholic products (capital investment on plant & machinery > Rs. 1 crore)
52.	Nuclear Power Plants
53.	Oil & Gas extraction including CBM (offshore & onshore extraction through drilling wells)
54.	Oil and Gas transportation pipelines
55.	Oil Refinery (Mineral Oil or Petrol Refineries)
56.	Organic chemicals manufacturing
57.	Parboiled rice mills (more than 10 TPD)
58.	Pesticides (Technical) (excluding formulation)
59.	Pharmaceuticals (Manufacture of and not merely use of as raw material)
60.	Pharmaceuticals (excluding formulation)
61.	Pulp and paper (paper manufacturing with or without pulping)
62.	Phosphate rock processing plant
63.	Phosphorous and its compounds
64.	Photographic films and its chemicals
65.	Ports & harbours, jetties and dredging operations
66.	Power generation plants [Except Wind, Solar and Mini Hydel Power plants of capacity <25 MW) and DG set of capacity > 5MWA]
67.	Processes involving chlorinated hydrocarbons
68.	Railway locomotive workshops/integrated road transport workshop / authorised service centers
69.	Reprocessing of used oils and waste oils
70.	Ship breaking activities

71.	Slaughter house (As per the Notification S.O. 270(E) dated 26/03/2001) and meat processing industries, bone mill, processing of animals horns, hoofs and other body parts
72.	Steel and steel products using various furnaces like blast furnaces / open hearth furnace / induction furnace / arc furnace / sub-merged arc furnace / basic oxygen furnace / hot rolling using reheating furnace
73.	Stone crushers
74.	Sugar (excluding Khandsari)
75.	Surgical and medical products involving prophylactics and latex
76.	Synthetic detergents and soaps (excluding formulation)
77.	Synthetic fibers including rayon, tyre cord, polyester filament yarn
78.	Synthetic resins
79.	Synthetic rubber excluding molding
80.	Tanneries
81.	Thermal power plants
82.	Tobacco products including cigarettes and tobacco/opium processing
83.	Vegetable oil including solvent extraction and refinery / hydrogenated oils
84.	Yarn / textile processing involving any effluent/ emission- generating process, bleaching, dyeing, printing and scouring
85.	Zinc smelter

Annexure-II**LIST OF ORANGE CATEGORY OF INDUSTRIES**

Sl. No.	List of Orange Category Industry
1.	Almirah, grill manufacturing
2.	Aluminium and copper extraction from scrap using oil fired furnace
3.	Automobile servicing, repairing and painting (excluding only fuel furnace dispensing)
4.	Ayurvedic and Homeopathic medicine
5.	Bakery & confectionery unit with production capacity > 1tpd
6.	Biaxially oriented PP film alongwith metalizing operation
7.	Brickfields (excluding fly ash brick manufacturing using lime process)
8.	Building & construction projects more than 20,000 Sq. mtr. built up area
9.	Cashewnut processing
10.	Chanachur and jadoo from puffed and beaten rice (muri and chira) using husk fired oven
11.	Chilling plant cold storage and ice making
12.	Coffee seed proceeding
13.	Coke briquetting (sun drying)
14.	Cotton spinning and weaving (medium and large scale)
15.	Cutting, sizing and polishing of marble stones
16.	Dairy and dairy products (small scale)(capital investment on plant & machinery<Rs. 1Crore)
17.	Dal mills
18.	DG set of capacity > 1 MVA but <5MVA
19.	Digital printing of PVC cloth
20.	Dismantling of rolling stocks (wagons/ coaches)

21.	Dry cell battery (excluding manufacturing of electrodes) & assembling & charging of acid lead battery in micro scale [<Rs. 25 lakhs]
22.	Emery power (fine dust of sand) manufacturing
23.	Engineering and fabrication units (with investment on Plant & Machineries < Rs. 10 Crores)
24.	Excavation of sand from the river bed (excluding manual excavation)
25.	Facility of handling, storage and transportation of foodgrains in bulk
26.	Fertilizer (granulation and formulation only)
27.	Fish feed, poultry feed and cattle feed
28.	Fish processing and packaging (excluding chilling of fish)
29.	Foam manufacturing
30.	Food and food processing including fruits & vegetable processing
31.	Forging of ferrous & non-ferrous metal (using oil or gas fired boilers)
32.	Formulation / palletisation of camphor tablets, naphthalene balls from camphor / naphthalene powders
33.	Glass, ceramic, earthen potteries and tile manufacturing using oil or gas fired kiln, coating on glasses using cerium fluoride, magnesium fluoride etc.
34.	Glue from starch (physical mixing)
35.	Gravure printing, digital printing on flex, vinyl
36.	Heat treatment using oil fired furnace (excluding cyaniding)
37.	Hotels (less than 3 star) or hotels having >20 rooms and less than 100 rooms
38.	Ice cream
39.	Infrastructure development project
40.	Jute processing without project
41.	Liquid floor cleaner, black phenyl, liquid soap, glycerol monostearate manufacturing
42.	Manufacture of mirror from sheet glass
43.	Manufacturing of iodized salt from crude / raw salt
44.	Manufacturing of mosquito repellent coil
45.	Manufacturing to tooth powder, toothpaste, talcum powder and other cosmetic items
46.	Mechanized laundry using oil fired boiler
47.	Modular wooden furniture from particle board, MDF, sawn timber etc., ceiling tiles / partition board from saw dust, wood chips etc. & other agricultural waste using synthetic adhesive resin, wooden box making
48.	Packing materials manufacturing from non-asbestos fibre, vegetable fiber yarn
49.	Paint ending & mixing (Ball mill)
50.	Pharmaceutical formulation and for R&D purpose (for sustained release/ extended release of drugs only and not for commercial purpose)
51.	Plyboard manufacturing (including vineer & laminate) with oil fired boiler / thermic fluid heater (without resin plant)
52.	Potable alcohol (IMFL) by blending, bottling of alcoholic products (capital investment on plant & machinery < Rs. 1 crore)
53.	Power press
54.	Printing ink manufacturing
55.	Printing or etching of glass sheet using hydrofluoric acid
56.	Producer gas plant using conventional up-drift coal gasification (linked to rolling mills, glass and ceramic industry, refractories for dedicated fuel supply)
57.	Pulverization of bamboo and scrap wood
58.	Repairing of electric motor & generator
59.	Reprocessing of waste plastic (excluding PVC)

60.	Rice mill less than 10 TPD & rice hullers
61.	Rolling Mill (oil or gas fired) and cold rolling mill
62.	Saw mill
63.	Seasoning of wood in steam heated chamber
64.	Silk screen printing, saree printing by wooden blocks
65.	Spice grinding (>20 HP motor)
66.	Spray painting, paint baking, paint stripping
67.	Tamarind powder manufacturing
68.	Tea processing
69.	Thermocol manufacturing
70.	Thermometer making
71.	Transformer repairing / manufacturing
72.	Tyres and tubes vulcanization / hot retreading
73.	Wire drawing & wire netting
74.	Soap manufacturing (Handmade without steam boiling)
75.	Solar module (non-conventional energy apparatus) manufacturing unit
76.	Solar power generation through solar photovoltaic cell, wind power & mini hydel power (<25 MW)
77.	Spice grinding (<20 HP motor)
78.	Steel furniture without spray painting
79.	Steeping and processing of grains
80.	Surgical and medical products not involving effluent / emission generating process
81.	Synthetic detergent formulation
82.	Teflon based products
83.	Tyres and tubes re-reading (without boiler)

Annexure-III**LIST OF GREEN CATEGORY OF INDUSTRIES**

Sl. No.	List of Green Category Industry
1.	Assembling of acid lead battery (up to 10 batteries per day excluding lead plate casting)
2.	Aluminium utensils from aluminium circles
3.	Assembly of air coolers / conditioners, repairing and servicing
4.	Assembly of bicycles, baby carriage and other small non-motorised vehicles
5.	Automobiles fuel outlet (only dispensing)
6.	Ayurvedic and Homeopathic medicine (without boiler)
7.	Bailing (hydraulic press) of waste papers
8.	Bakery / confectionery / sweets production (with production capacity < 1 tpd with oil, gas or electrical oven)
9.	Bio-fertilizer & bio-pesticide without using inorganic chemicals
10.	Biomass Briquettes (sun drying) without using toxic or hazardous wastes
11.	Biscuit trays etc. from rolled PVC sheet (using automatic vacuum forming machine)
12.	Blending and packaging of tea
13.	Blending of melamine resins & different powder, additives by physical mixing
14.	Block making for printing without foundry (excluding wooden block making)

15.	Brass and bell metal utensils manufacturing from circle (without re-rolling facility)
16.	Candy
17.	Cardboard or corrugated box and paper products (excluding paper or pulp manufacturing and without using boiler)
18.	Carpenter and wooden furniture manufacturing (excluding saw mill) with the help of electrical (motorized) machines such as electric wood planner, steel saw cutting circular blade etc.
19.	Cement products (without using Asbestos) like pipe, pillar, jafri, well, ring, block / tiles etc. (should be done under closed covered shed to control fugitive emissions)
20.	Ceramic colour manufacturing (not using boiler and wastewater recycling process)
21.	Chalk making from plaster of Paris
22.	Chilling plant and ice making without use of ammonia
23.	Coated electrode manufacturing
24.	Compact disc., computer floppy & cassette manufacturing
25.	Compressed oxygen gas from crude liquid oxygen
26.	CO2 recovery
27.	Cotton and woolen hosiery making (SSI & Cottage Industries)
28.	Cotton spinning & weaving (small scale)
29.	Decoration of ceramic cups & plates by electric furnace
30.	Diesel generator sets (15 KVA to 1 MVA)
31.	Diesel pump repairing & servicing
32.	Distilled water
33.	Electrical lamp (bulb) manufacturing (small scale)
34.	Electrical & electronic items assembling
35.	Flavoured battle nut production / grinding
36.	Flour mills (dry process)
37.	Fly ash bricks / blocks manufacturing
38.	Fountain pen manufacturing
39.	Glass ampoules & vials making from glass tubes
40.	Glass putty and sealant
41.	Glass, ceramic, earthen potteries and tile manufacturing using electrical kiln or not involving fossil fuel kilns
42.	Gold and silver smithy (purification with acid, smelting operation and sulfuric acid polishing operation) (using less than or equal to 1 liter of Sulphuric Acid / Nitric Acid per month)
43.	Groundnut decorticating (dry)
44.	Handloom / carpet weaving (without dyeing and bleaching operation)
45.	Hotels (up to 20 rooms)
46.	Insulation and other coated papers (excluding paper or pulp manufacturing) manufacturing
47.	Jobbing and machining
48.	Leather cutting and stitching (more than 10 machines and using motor)
49.	Leather footwear and leather products (excluding tanning and hide processing) (except cottage scale)
50.	Lubricating oils, greases or petroleum based products (only blending at normal temperature)
51.	Manufacturing of coir items from coconut husk
52.	Manufacturing of metal caps, containers etc.
53.	Manufacturing of optical lenses (using electrical furnace)
54.	Manufacturing of pasted veneers without using boiler or thermic fluid heater or by sundrying
55.	Manufacturing of shoe brush & wire brush

56.	Manufacturing of silica gel (without furnace)
57.	Medical oxygen
58.	Mineralized water
59.	Oil mill ghani & extraction (no hydrogenation/ refining)
60.	Organic and inorganic nutrients (by physical mixing)
61.	Organic manure (manual mixing)
62.	Paints and varnishes (mixing and blending)(without ball mill)
63.	Packing of powered milk
64.	Paper pins and U-clips
65.	Phenyl / toilet cleaner formulation & bottling
66.	Reel manufacturing
67.	Polythene & plastic processed products manufacturing (virgin plastics)
68.	Poultry, hatchery, piggery
69.	Power looms (without dyeing and bleaching)
70.	Printing press
71.	Puffed rice (muri) (using oil, gas or electrical heating system)
72.	Ready mix cement concrete
73.	Reprocessing of waste cotton
74.	Rope (cotton & plastic)
75.	Rubber goods industry (with baby boiler only)
76.	Scientific and mathematical instruments manufacturing